

What is claimed is:

- 1. A hybridization detection method for detecting the hybridization between a probe and a sample, the method comprising detecting both the amount of the probe and the amount of the sample bound to the probe.
- 2. A hybridization detection method for detecting the hybridization between a probe and a sample, the method comprising detecting a value produced by normalizing the difference between the amount of the probe and the amount of the sample bound to the probe with the amount of the probe.
- 3. The hybridization detection method of claim 1 or 2, wherein the amount of the probe is detected prior to the hybridization, and the amount of the sample bound to the probe is detected after the completion of the hybridization.
- 4. The hybridization detection method of claim 1 or 2, wherein both the amount of the probe and the amount of the sample bound to the probe are detected after the completion of the hybridization.
- 5. The hybridization detection method according to any of claims 1 to 4, wherein the sample and the probe are labeled with different labeling materials.
- 6. The hybridization detection method according to any of claims 1 to 5, wherein the value produced by normalizing the difference between the amount of the probe and the amount of the sample bound to the probe with the amount of the probe is indicated on a display.

7. A biochip comprising a fluorescently labeled probe spotted on a substrate.

and sal